

What is claimed is:

1. A connector for use in an internal combustion engine, the internal combustion engine having an air intake manifold, a cover over the air intake manifold, a fuel rail for supplying fuel to the engine having a mounting tab, spark ignition cables, and a cable separator clip for separating the cables, said connector comprising:

an elongated connector post;

said post having a lower end provided with a fastener element attachable to an anchorage on the air intake manifold,

said post having a clamping flange above said fastener element adapted to clamp the mounting tab of the fuel rail down on the anchorage of the air intake manifold;

said post having a cable clip support flange above said clamping flange for supporting the cable clip,

said post having a retainer for holding the cable clip down on the support flange, and

said post having an upper end provided with a support element for supporting the cover.

2. The connector of claim 1, wherein said fastener element comprises a screw, and

said post has a nut formation between said flanges provided with opposing flats adapted to be engaged by a tool for rotating said post to advance or retract said screw.

3. The connector of claim 1, wherein said retainer comprises radially outwardly extending compressible projections.

4. The connector of claim 1, wherein said support element is ball-shaped and adapted to engage a socket on the cover.

5. The connector of claim 2, wherein said post comprises a metal body covered with a plastic skin, said retainer comprises radially outwardly extending compressible projections on said skin, and

said support element is ball-shaped and adapted to engage a socket on the cover.

6. In an internal combustion engine:

an air intake manifold,

a cover spaced above the air intake manifold,

a fuel rail for supplying fuel to the engine having apertured mounting tabs,

spark ignition cables extending between the air intake manifold and the cover,

an elongated cable separator clip for separating the cables and having apertured ends, and

a connector supporting said cover, said fuel rail and said cable separator clip,

said connector including at least two posts each having a lower end provided with a fastener element releasably secured to an anchorage on said air intake manifold,

said posts receiving the respective apertured mounting tabs and each having a clamping flange above the fastener element thereof, said clamping flanges clamping the respective mounting tabs down on the anchorage of the air intake manifold,

said posts each having a cable separator clip support flange above said clamping flange,

said posts receiving the respective apertured ends of said cable separator clip and each having a cable clip support flange above the clamping flange thereof, said support flanges supporting the respective apertured ends of said cable separator clip,

said posts each having a retainer above the support flange thereof, said retainers holding the respective apertured ends of said cable separator clip down on said support flanges, and

said posts each having an upper end provided with a support element supporting said cover.

7. In the internal combustion engine of claim 6, wherein said fastener element of each of said posts comprises a screw, and

said posts each having a nut formation between the flanges thereof provided with opposing flats adapted to be engaged by a tool for rotating said posts to advance or retract said screws.

8. In the internal combustion engine of claim 6, wherein said retainers each comprise circumferentially spaced, radially outwardly extending compressible projections.

9. In the internal combustion engine of claim 6, wherein the support element of each of said posts is ball-shaped, said ball-shaped support elements engaging in sockets of the cover.

10. In the internal combustion engine of claim 7, wherein each of said posts comprises a metal body covered with a plastic skin, the retainer of each of said posts comprises circumferentially spaced, radially outward projections on the skin thereof, and said support elements of each of said posts is ball-shaped, said ball-shaped support elements engaging sockets on said cover.